

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005390**Date Inspected:** 04-Feb-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Xu Xian Ping
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** OBG components**Summary of Items Observed:**

On the date CALTRANS OSM Quality Assurance (QA) Inspector, Dilip Chakrabarti was present during the times noted above for observations relative to the work being performed.

Bay# 7-OBG Assembly

This QA Inspector randomly observed the following work in progress:

FCAW Process:

Welding of weld joints# 027,028,031,032,035 & 036 located on PCMK SP 779-001. Welders are identified as 205385,054459 & 048810. ZPMC QC is identified as Zheng Zhi Wei. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-2132-3.

Welding of weld joints# 013,014,017,018 021 & 022 located on PCMK SP 631-001. Welders are identified as 205385,054459 & 048810. ZPMC QC is identified as Zheng Zhi Wei. The welding variables recorded by QC appeared to comply with the specified WPS no. B-T-2132-3.

Bay# 6-OBG Assembly

This QA Inspector randomly observed the following work in progress:

Magnetic Particle Testing:

WELDING INSPECTION REPORT

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For Green Tag

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated a TL-6028 MT report on this date.

The member and the weld designations are as follows:

Sl # Section # Weld # Green Tag # Location

1. SP 213-001 086 003900 2 A
2. DP 521-001 065 003895 2 A
3. DP 523-001 013 003897 2 A
4. DP 525-001 075 003901 3 A
5. DP 527-001 017 003898 3A
6. DP 523-001 017 003899 2 A
7. SP 215-001 044 003836 2 A
8. SP 209-004 006,007,008 003894 5B

Unless otherwise noted, all work observed on this date appeared to be generally comply with applicable contract document

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Chakrabarti,Dilip Kumar	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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